IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): **Seung-Jae Han**
Thierry E Klein

Case: **4-4**

Serial No.: **10/619046**

Filing Date: **July 14, 2003**

Examiner: Group Art Unit:

Title: **Method And Apparatus For Adaptive And Online Assignment In Hierarchical Overlay Networks**

COMMISSIONER FOR PATENTS
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ALEXANDRIA, VA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(b)

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement, with attached reference(s), is submitted for consideration in the above-identified application.

Copies of the listed documents are enclosed together with the search report that listed these documents.

NO FEE IS REQUIRED

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Lucent Technologies Deposit Account No. 12-2325** as required to correct the error.

Respectfully,

David W. Herring, Attorney
Reg. No. **51069**
908-582-4326

Date: October 6, 2003

Docket Administrator (Room 3J-219)
Lucent Technologies Inc.
101 Crawfords Corner Road
Holmdel, NJ 07733-3030

10/7/03
Patent Application
Susan A. Serpachard

INFORMATION DISCLOSURE STATEMENT

Case Name.	S.-J. Han 4-4
Serial No.	10/619046
Applicant:	S.-J. Han, et al.
Filing Date:	July 14, 2003
Group:	

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

	AA	Yeung, K. L., Nanda, S. "Channel Management in Microcell/Macrocell Cellular Radio Systems", IEEE Transactions On Vehicular Technology, Vol. 45, No. 4, pages 601-612 (November 1996).
	AB	Jabbari, B., Fuhrmann, W. F., "Teletraffic Modeling and Analysis of Flexible Hierarchical Cellular Networks with Speed-Sensitive Handoff Strategy", IEEE Journal On Selected Areas In Communications, Vol. 15, No. 8, pages 1539-1548 (October 1997).
	AC	Sung, C. W., Wong, W. S., "User Speed Estimation and Dynamic Channel Allocation in Hierarchical Cellular System", IEEE, pages 91-95 (1994).
	AD	Beraldi, R., Marano, S., Mastroianni, C. "A Reversible Hierarchical Scheme for Microcellular Systems with Overlaying Macrocells", IEEE, pages 51-58 (1996).
	AE	Benveniste, M., "Cell Selection in Two-Tier Microcellular/Macrocellular Systems", IEEE, pages 1532-1536 (1995).
	AF	Rappaport, S. S., Hu, L.-R., "Microcellular Communication Systems with Hierarchial Macrocell Overlays: Traffic Performance Models and Analysis", Proceedings of the IEEE, Vol. 82, No. 9, pages 1383-1397 (September 1994).
	AG	Bender, P., Black, P., Grob, M., Padovani, R., Sindhushayana, S. Viterbi, A., "CDMA/HDR: A Bandwidth-Efficient High-Speed Wireless Data Service for Nomadic Users", IEEE Communications Magazine, pages 70-77 (2000).
	AH	Austin, M.D., Stuber, G.L., "Velocity Adaptive Handoff Algorithms for Microcellular Systems", IEEE Transactions on Vehicular Technology, Vol. 43, No. 3, pages 549-561 (August 1994).
	AI	Holtzman, J.M., "Asymptotic Analysis of Proportional Fair Algorithm", IEEE, pages F-33-F-37 (2001).
	AJ	Jalali, A., Padovani, R., Pankaj, R., "Data Throughput of CDMA-HDR a High Efficiency-High Data Rate Personal Communication Wireless System", IEEE, pages 1854-1858 (2000).
	AK	Viswannath, P., Tse, D.N.C., Laroia, R., "Opportunistic Beamforming Using Dumb Antennas", IEEE Transactions on Information Theory, Vol. 48, No. 6, pages 1277-1294 (2002).

****References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.*

****Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header*

EXAMINER	DATE CONSIDERED

***Examin r:** Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant